

## Notes from April 15 SC13 Planning Meeting

### Participants:

- Nathan Humestan, Ames
- Beth Cerny, ANL
- Mike McGuigan, BNL
- Ruth Pordes, Fermilab
- Eric Whiting, INL
- Denise, LANL
- Jon Bashor, LBNL
- Blaise Barney, LLNL
- Steve Hammond, NREL
- Becky Verastegui, ORNL
- Ashley Barker, ORNL
- Jason Hynes, ORNL
- Daniel Pack, ORNL
- Tofigh Azemmoon, SLAC
- Amber Boehnlein, SLAC
- Karen Haskell, SNL
- Dave Modl, LANL

### Booth theme ideas

Theme ideas submitted via email:

- LANL, Parks Fields - DOE; people doing the future now
- LANL, Parks Fields - DOE Innovation drives the need for HPC at extreme scale
- AmesLab, Mark Gordon - Roadblocks and solutions on the path to exascale
- AmesLab, Mark Gordon - Power consumption and Denard's law
- Fermi, Ruth Pordes - DOE Science and Research Drives Innovation to the Exascale
- Fermi, Ruth Pordes - DOE Research – from the Exascale to the Long-Tail of Science
- NREL, Steve Hammond - All things big and small
- NREL, Steve Hammond - Insight for Energy and Environment
- PNNL, Charity Plata - Computing@Energy: Inventing the Future of HPC

### Discussion

Beth suggested a unifying theme, perhaps with the word *together* in italics

Beth also suggested “...Driving Science and Research”

Jon suggested “DOE HPC for a Cleaner, Safer, Smarter World”

Blaise suggested “DOE Leadership in HPC”

Eric said the theme should mention energy

Steve suggested the possibility of a new theme each day and synching booth content with that day’s theme

Beth reminded everyone that it should be short

### **Discussion of booth components**

Posters – the consensus is that we should use flat monitors to display a range of posters (booth is designed to feature 10 screens)

Eric suggested having multiple inputs so the monitor could either cycle through a series of posters or participants could insert a memory stick and call up a specific poster.

Beth suggested all the posters be uploaded to a central site so each can be called up on demand.

Blaise said IBM provided this approach at SC13, using a touch screen from which attendees could select any poster. If a central website is created for the posters, they would be globally available.

Beth and others mentioned touch-screen kiosks, but said it’s hard to display the posters vertically. She also suggested a jury to select the posters.

Karen suggested choosing subthemes, then organizing the posters accordingly.

Beth noted that 2013 is the 10<sup>th</sup> anniversary of DOE’s INCITE program and this should be featured in a poster about the facilities (INCITE started at NERSC, then OLCF and ALCF were added, then NERSC subtracted)

Poster subcommittee volunteers: - Ames Lab, Mark Gordon; ORNL, Ashley Barker; Brookhaven, Mike McGuigan; ANL, Beth Cerny; LLNL, Blaise Barney; LBNL, Jon Bashor

Demos – The booth features a two-station demo station. The question arose of hosting additional hardware for networking throughput demos. Jon noted that space is limited in the booth, especially considering that attendees from all the labs will likely be spending time in the booth. However, there is space for one equipment rack in a corner of the booth.

Demo subcommittee: AmesLab, Mark Gordon; ORNL, Daniel Pack; LLNL, Blaise Barney

3D Visualizations – having the screen at the edge of the booth and facing the aisle can both grab attention and help ease the space crunch.

3D Vis subcommittee: INL, Eric Whiting – Lead or participate; ORNL, Jayson Hines; LANL, Dave Modl

Featured Presentations volunteers: ORNL, Daniel Pack; Fermilab, Ruth Pordes; Brookhaven, Mike McGuigan

Roundtable discussions: AmesLab, Mark Gordon; ORNL, Daniel Pack; Fermilab, Ruth Pordes; NREL, Steve Hammond

Communications/Publicity/Social media/DOE@SC13 Website, PR, video production, printed materials, Committee Website:

Beth volunteered to host the committee site at ANL. Blaise said that LLNL's policies could make it difficult to host the site at Livermore.

Subcommittee: ANL, Beth Cerny – Co-lead; LLNL, Blaise Barney – Co-lead; ORNL, Jayson Hines; LBNL, Jon Bashor

Booth Design/graphics, - decide on physical composition of booth and its components

Subcommittee: LBNL, Jon Bashor – Lead; LANL, Parks Fields; LANL, Dave Modl; NREL, Steve Hammond

Booth setup and takedown activities – much of this work will be handled by the booth vendor and contractors, but subcommittee will need to plan the location and ensure proper installation of power, networking, etc.

Subcommittee: LANL, Parks Fields; LANL, Dave Modl; LBNL, Jon Bashor; NREL, Steve Hammond

Networking & SCinet: LANL, Parks Fields

Computer equipment, displays, etc.: Steve said that since Denver is NREL's "Home Field," his lab would be willing to provide tech support for the booth

Subcommittee: INL, Eric Whiting – Lead or participate; LANL, Parks Fields; LANL, Dave Modl

Participation coordination - coordinate between all lab leads and to produce the final schedule for booth participants, coordinate Booth Duty & Reception Desk - oversee booth duty schedule, contact lists, reception desk activities

Subcommittee: Sandia, Karen Haskell; LLNL, Blaise Barney

Budget, electrical/show invoices, shipping

Subcommittee: ANL, Scott Ehling; LBNL, Jon Bashor

### **In conclusion**

The committee agreed to assign the various functions to the subcommittees to organize separately, then report back on the telecons.

Steve asked for an inventory of space in the booth and various measurements for planning.

The group agreed to hold future telecons at 11 a.m. Pacific every other Monday. Next call we be on April 29.